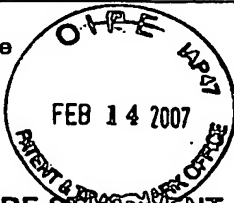


FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office



Atty.
Dkt. No.

M#

Client Ref.

081468

0305376

P-0362.010-US

Applicant: VAN BILSEN et al.

Appln. No.: 10/665,404

Filing Date: September 22, 2003

Examiner: Stephone B. Allen

Group Art Unit: 2878

Date: February 14, 2007

Page

1

of

1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
JL	AR	4,356,392	10/1982	Wittekoek et al.			
	BR	4,596,467	06/1986	Bartelt			
	CR	4,737,283	04/1988	Gresch			
	DR	5,047,651	09/1991	Wessner et al.			
	ER	5,381,210	01/1995	Hagiwara et al.			
	FR	5,424,548	06/1995	Puisto			
	GR	5,995,198	11/1999	Mizutani			
	HR	6,384,899 B1	05/2002	Den Boef			
	IR	6,762,111 B2	07/2004	Fukoda			
	JR	6,864,956 B1	03/2005	Teong et al.			
	KR	6,937,344	08/2005	Monshouwer et al.			
	LR	7,109,508 B2	09/2006	Shiraishi			
	MR	2001/0026368	10/2001	Mikami			
	NR	2002/0041373	04/2002	Littau et al.			
JL	OR	2002/0072003	06/2002	Brill et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor or Assignee Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
JL	PR	02/052350 A1	07/04/2002	PCT	Monshouwer et al.			X	
	QR	02/065545 A2	08/22/2002	PCT	Sezginer et al.			X	
	RR	0 164 165 B1	02/24/1988	European Patent Office	Van Der Werf			X	
	SR	0 467 445 B1	01/20/1999	European Patent Office	Van Den Brink et al.			X	
	TR	1 256 849 A1	11/13/2002	European Patent Office	Baselmans			X	
	UR	3-257303	11/15/1991	Japan	Keiichiro TONAI	X			
JL	VR	DD 262 510	11/30/1988	Germany	VEB Carl Zeiss Jena	X			
	WR								

OTHER (including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

JL	XR	Ramon Navarro, et al., "Extended ATHENA™ alignment performance and application for the 100 nm technology node", Metrology, Inspection, and Process for Microlithography XV, Proceedings of SPIE, Vol. 4344 (2001)							X
	YR								

Examiner /John Lee/ (03/01/2007)

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



Complete if Known

Application Number	10/665,404
Filing Date	09/22/2003
First Named Inventor	FRANK VAN BILSEN
Art Unit	2881
Examiner Name	
Attorney Docket Number	081468-0305376

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	081468-0305376
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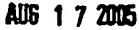
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JL		JP 2001-267211	Sep. 28, 2001	Mizutani		

Examiner Signature	/John Lee/ (02/18/2007)	Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete If Known

Application Number	10/665,404
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Filing Date	09/22/2003
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First Named Inventor	FRANK VAN BILSEN
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Art Unit	2881
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Examiner Name

Sheet	1	of	1	Attorney Docket Number	081468-0305376
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*

Cite
No.¹

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

 T^2

JL

Office Action for Taiwan Patent Application No. 092125977 dated 5/31/2005.

**Examiner
Signature**

/John Lee/ (02/18/2007)

Date Considered

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. Do NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	1
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Complete if Known

Application Number	10/665,404
Filing Date	09/22/2003
First Named Inventor	FRANK VAN BILSEN
Art Unit	2881
Examiner Name	
Attorney Docket Number	081468-0305376

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

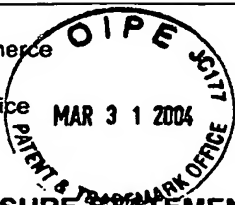
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
JL		JP 2001-267211	Sep. 28, 2001	Mizutani		

Examiner Signature	/John Lee/ (02/18/2007)	Date Considered
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**INFORMATION DISCLOSURE STATEMENT
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Date: March 31, 2004

Page 1 of 1

Atty. Dkt. No.	M#	Client Ref.
	0305376	P-0362.010-US
Applicant: Frank VAN BILSEN		
Appln. No.: 10/665,404		
Filing Date: September 22, 2003		
Examiner:		Group Art Unit: 2881

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
JL	AR	2003/0002043	01/2003	ABDULHALIM et al.			
JL	BR	5,910,847	06/1999	VAN DER WERF et al.			
JL	CR	5,674,650	10/1997	DIRKSEN et al.			
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	NR						
	OR						
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FOREIGN PATENT DOCUMENTS

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	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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	ZR									
	AAR									
	BBR									
	CCR									

Examiner /John Lee/ (02/18/2007)

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



Atty.
Dkt. No.

M#

Client Ref.

0305376

P-0362.010-US

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: Frank VAN BILSEN

Appln. No.: 10/665,404

Filing Date: September 22, 2003

Date: May 5, 2004

Page

1

of

1

Examiner:

Group Art Unit: 2881

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
JL	AR	6,420,791 B1	07/2002	HUANG et al.			
JL	BR	2002/0158193 A1	10/2002	SEZGINER et al.			
	CR						
	DR						
	ER						
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	GR						
	HR						
	IR						
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	QR						
	RR						

FOREIGN PATENT DOCUMENTS

OVERSEAS INVENTOR DISCLOSURE							Abstract		Readily Available	
		Document Number	Date MM/YYYY	Country	Inventor Name		Enclosed	No	Enclose	No
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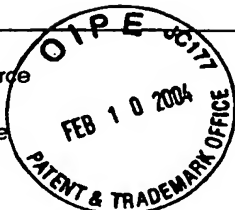
OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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Examiner /John Lee/ (02/18/2007)

Date Considered:

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Atty. Dkt. No.	M#	Client Ref.
	0305376	P-0362.010-US
Applicant: VAN BILSEN et al.		
Appln. No.: 10/665,404		
Filing Date: September 22, 2003		
Examiner:		Group Art Unit: 2881

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: February 10, 2004

Page 1 of 2

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
JL	AR	4,037,969	07/1977	FELDMAN et al.			
	BR	4,236,805	04/1982	FELDMAN et al.			
	CR	4,251,160	02/1981	BOUWHUIS et al.			
	DR	4,355,892	10/1982	MAYER et al.			
	ER	4,398,824	08/1983	FELDMAN et al.			
	FR	4,514,858	04/1985	NOVAK			
	GR	4,540,277	09/1985	MAYER et al.			
	HR	4,614,432	09/1986	KUNIYOSHI et al.			
	IR	4,690,529	09/1987	SUGIYAMA et al.			
	JR	4,710,026	12/1987	MAGOME et al.			
	KR	4,748,333	05/1988	MIZUTANI et al.			
	LR	4,778,275	10/1988	VAN DEN BRINK et al.			
	MR	4,814,829	03/1989	KOSUGI et al.			
	NR	4,828,392	05/1989	NOMURA et al.			
	OR	4,857,744	08/1989	KATAOKA et al.			
	PR	4,861,162	08/1989	INA			
	QR	4,870,452	09/1989	TANIMOTO et al.			
	RR	4,952,970	08/1990	SUZUKI et al.			
	SR	5,100,237	03/1992	WITTEKOEK et al.			
	TR	5,114,236	05/1992	MATSUGU et al.			
	UR	5,118,953	06/1992	OTA et al.			

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		Document Number	Date MM/YYYY	Country	Inventor Name		Abstract		Readily Available	
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	XR									
	YR									

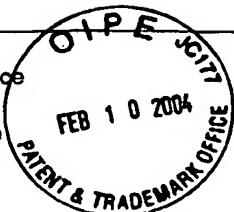
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	ZR	Markle, D. A., "Submicron 1:1 Optical Lithography", Semi-conductor International, pp. 173-142, May 1986.	X			
	AAR					
	BBR					
	CCR					

Examiner /John Lee/ (02/18/2007)

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



Atty. Dkt. No.	M#	Client Ref.
	0305376	P-0362.010-US
Applicant: VAN BILSEN et al.		
Appln. No.: 10/665,404		
Filing Date: September 22, 2003		
Examiner:		Group Art Unit: 2881

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: February 10, 2004

Page 2 of 2

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
JL	AR	5,144,363	09/1992	WITTEKOEK et al.			
	BR	5,151,754	09/1992	ISHIBASHI et al.			
	CR	5,160,849	11/1992	OTA et al.			
	DR	5,243,195	09/1993	NISHI			
	ER	5,347,356	09/1994	OTA et al.			
	FR	5,418,613	05/1995	MATSUTANI			
	GR	5,477,057	12/1995	ANGELEY et al.			
	HR	5,488,230	01/1996	MIZUTANI et al.			
	IR	5,489,986	02/1996	MAGOME et al.			
	JR	5,543,921	08/1996	UZAWA et al.			
	KR	5,559,601	09/1996	GALLATIN et al.			
	LR	5,596,204	01/1997	IRIE et al.			
	MR	5,801,390	09/1998	SHIRAISHI			
	NR	5,808,910	09/1998	IRIE et al.			
	OR	5,920,376	07/1999	BRUCKSTEIN et al.			
	PR	5,920,378	07/1999	MURAKAMI et al.			
	QR	6,034,378	03/2000	SHIRAISHI			
	RR	6,133,641	10/2000	HAMADA et al.			
	SR	6,233,494 B1	05/2001	AOYAGI			
	TR	6,242,754 B1	06/2001	SHIRAISHI et al.			
	UR	6,297,876 B1	10/2001	BORNEBROEK			

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
	VR				Enclosed	No
	WR				Enclose	No
	XR					
	YR					

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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AAR						
BBR						
CCR						
DDR						

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Examiner Signature	/John Lee/ (02/18/2007)	Date Considered	
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Docket Number: 081468-0305376
Client Reference: P-0362.010-US

PATENT APPLICATION

APPENDIX

Examiner's Initials	First Inventor	Application No.	Filing Date	Enclosed
JL	Navarro y Koren et al.	10/665,364	September 22, 2003	<input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Other: Papers as filed including any Preliminary Amendment
JL	Den Boef et al.	10/665720	September 22, 2003	<input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Other: Papers as filed including any Preliminary Amendment
JL	Van Haren et al.	10/665360	September 22, 2003	<input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Other: Papers as filed including any Preliminary Amendment

The Examiner's initials indicates he/she has considered the cited application relative to the subject application.

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